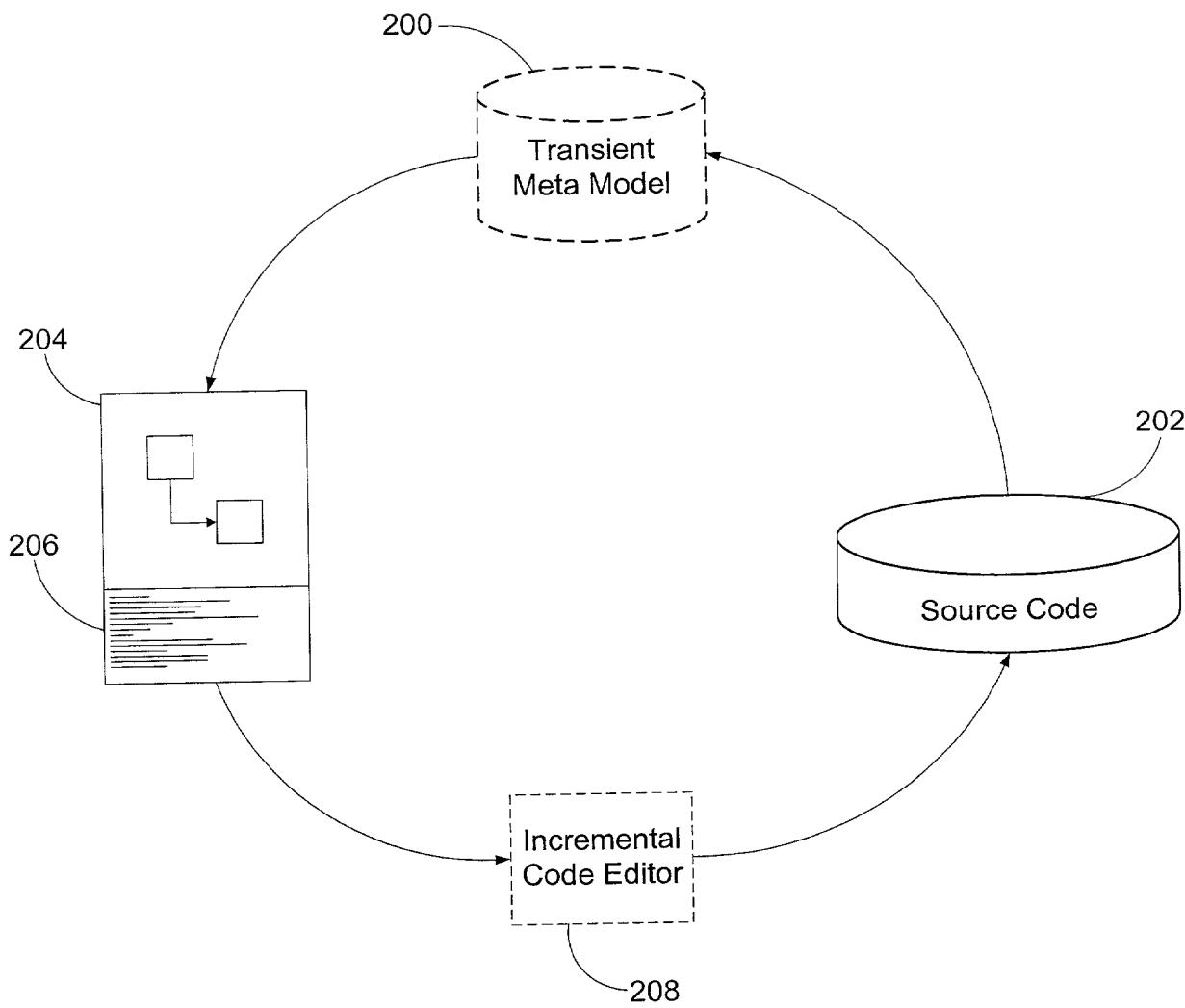
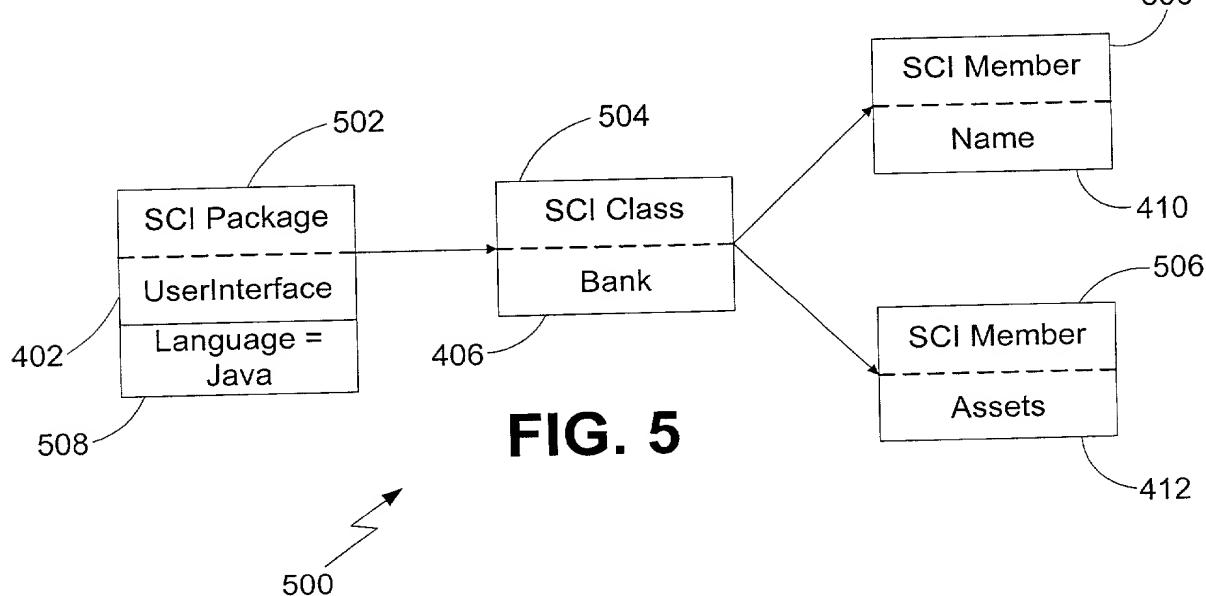
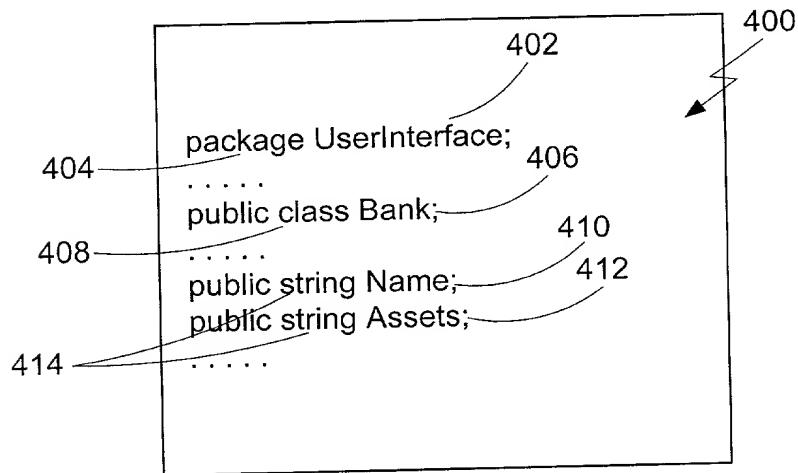
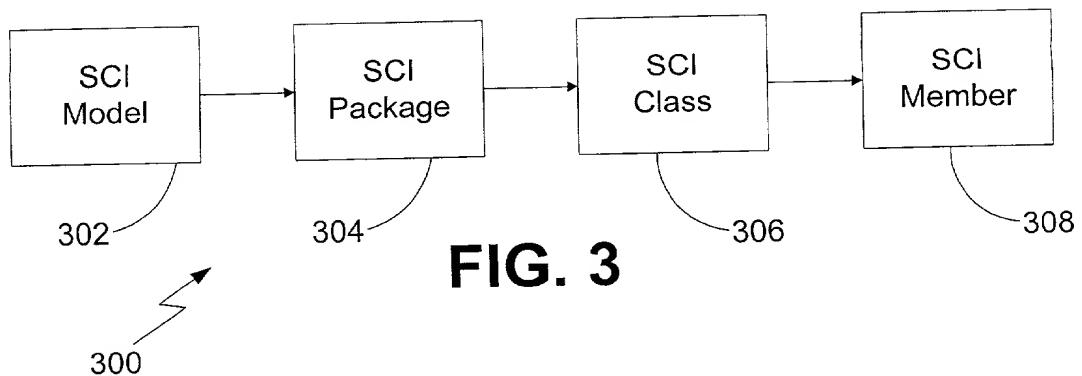
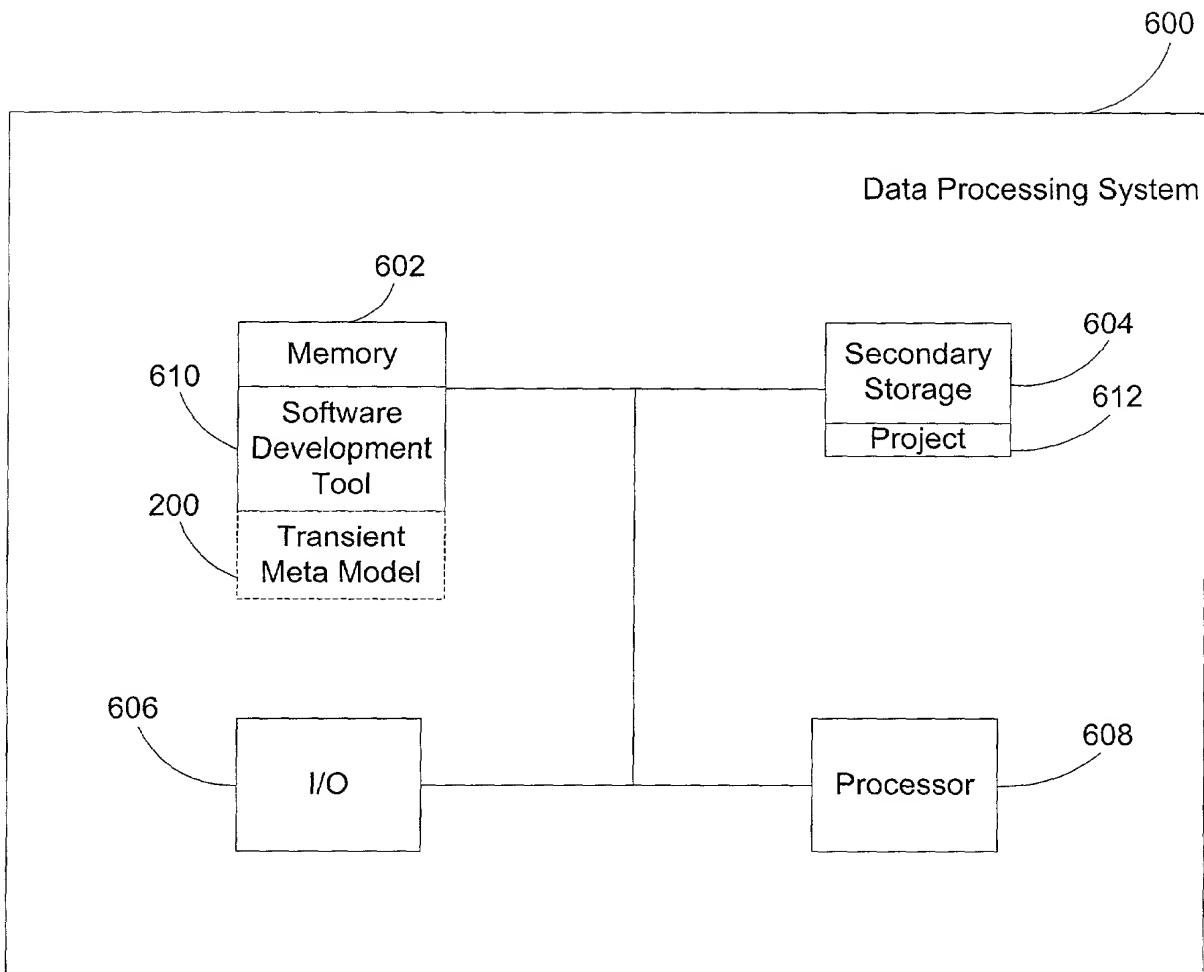


**FIG. 1**  
**(Prior Art)**

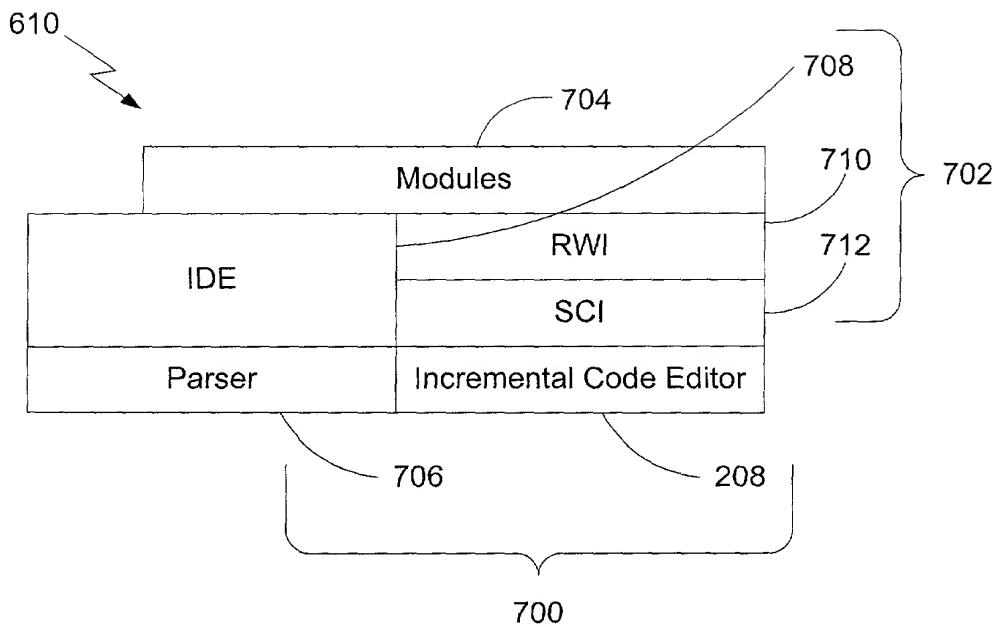


**FIG. 2**





**FIG. 6**



**FIG. 7**

QA Audit

Title	Abbreviation	Chosen	Severity:
<input type="checkbox"/> Coding Style		<input checked="" type="checkbox"/>	High
Access Of Static Members Through Objects	AOSMTO	<input checked="" type="checkbox"/>	800
Assignment To Formal Parameters	ATFP	<input checked="" type="checkbox"/>	802
Complex Assignment	CA	<input checked="" type="checkbox"/>	
Don't Use the Negation Operator Frequently	DUNOF	<input checked="" type="checkbox"/>	
Operator '?' May Not Be Used	OMNBU	<input checked="" type="checkbox"/>	
Provide Incremental In For-Statement or use w...	PIFS	<input checked="" type="checkbox"/>	
Replacement For Demand Imports	RFDI	<input checked="" type="checkbox"/>	
Use Abbreviated Assignment Operator	UAAO	<input checked="" type="checkbox"/>	
Use 'this' Explicitly To Access Class Members	UTETACM	<input checked="" type="checkbox"/>	
<input type="checkbox"/> Critical Errors		<input checked="" type="checkbox"/>	
Avoid Hiding Inherited Attributes	AHIA	<input checked="" type="checkbox"/>	
Avoid Hiding Inherited Static Methods	AHISM	<input checked="" type="checkbox"/>	
Command Query Separation	CQS	<input checked="" type="checkbox"/>	
Hiding Of Names	HON	<input checked="" type="checkbox"/>	
Inaccessible Constructor Or Method Matches	ICCOMM	<input checked="" type="checkbox"/>	
Multiple Visible Declarations With Same Name	MYDWSN	<input checked="" type="checkbox"/>	
Overriding a Non-Abstract Method With an Ab...	ONAMWAM	<input checked="" type="checkbox"/>	
Overriding a Private Method	OPM	<input checked="" type="checkbox"/>	

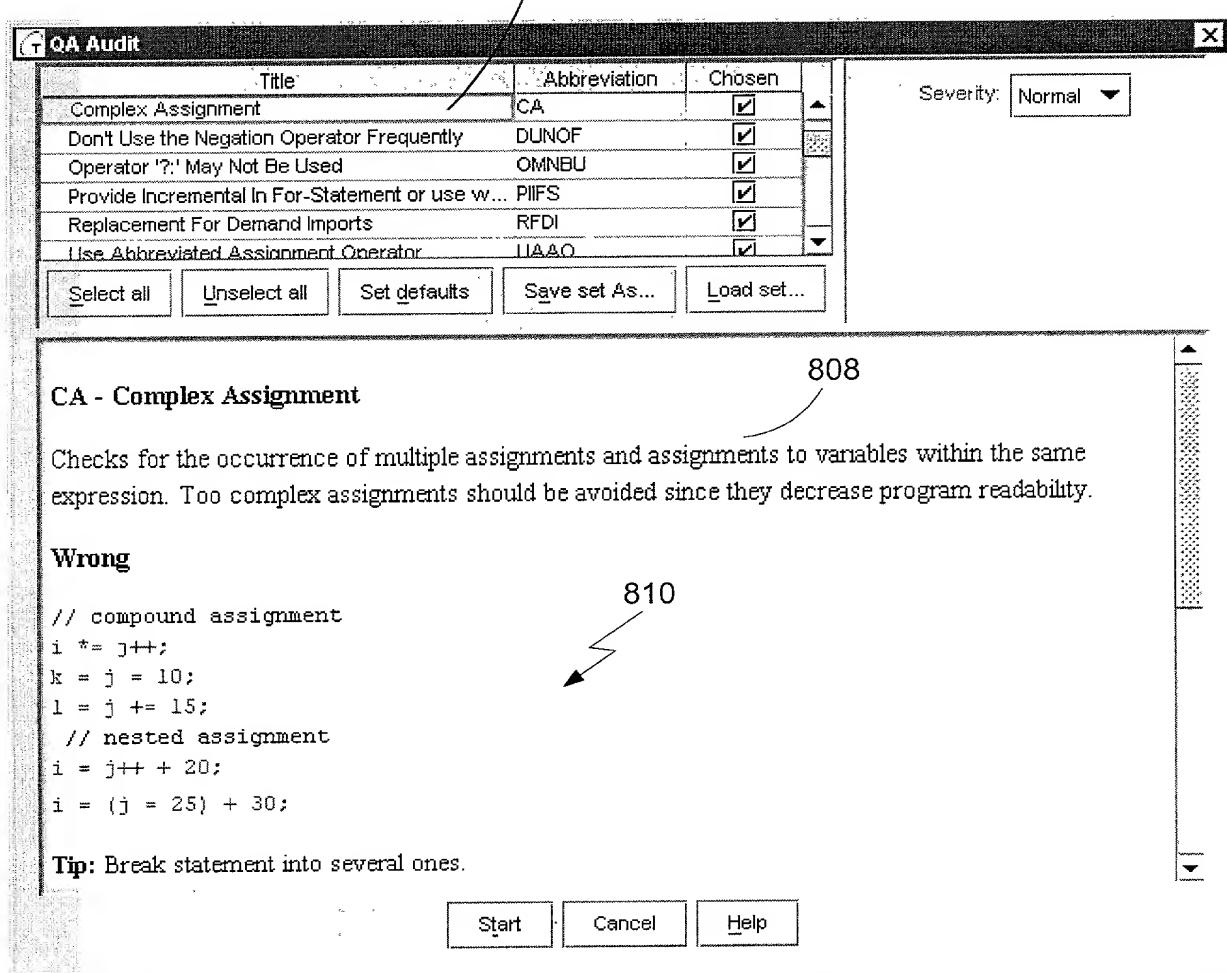
Select all   Unselect all   Set defaults   Save set As...   Load set...

**AOSMTO - Access Of Static Members Through Objects**

Static members should be referenced through class names rather than through objects.

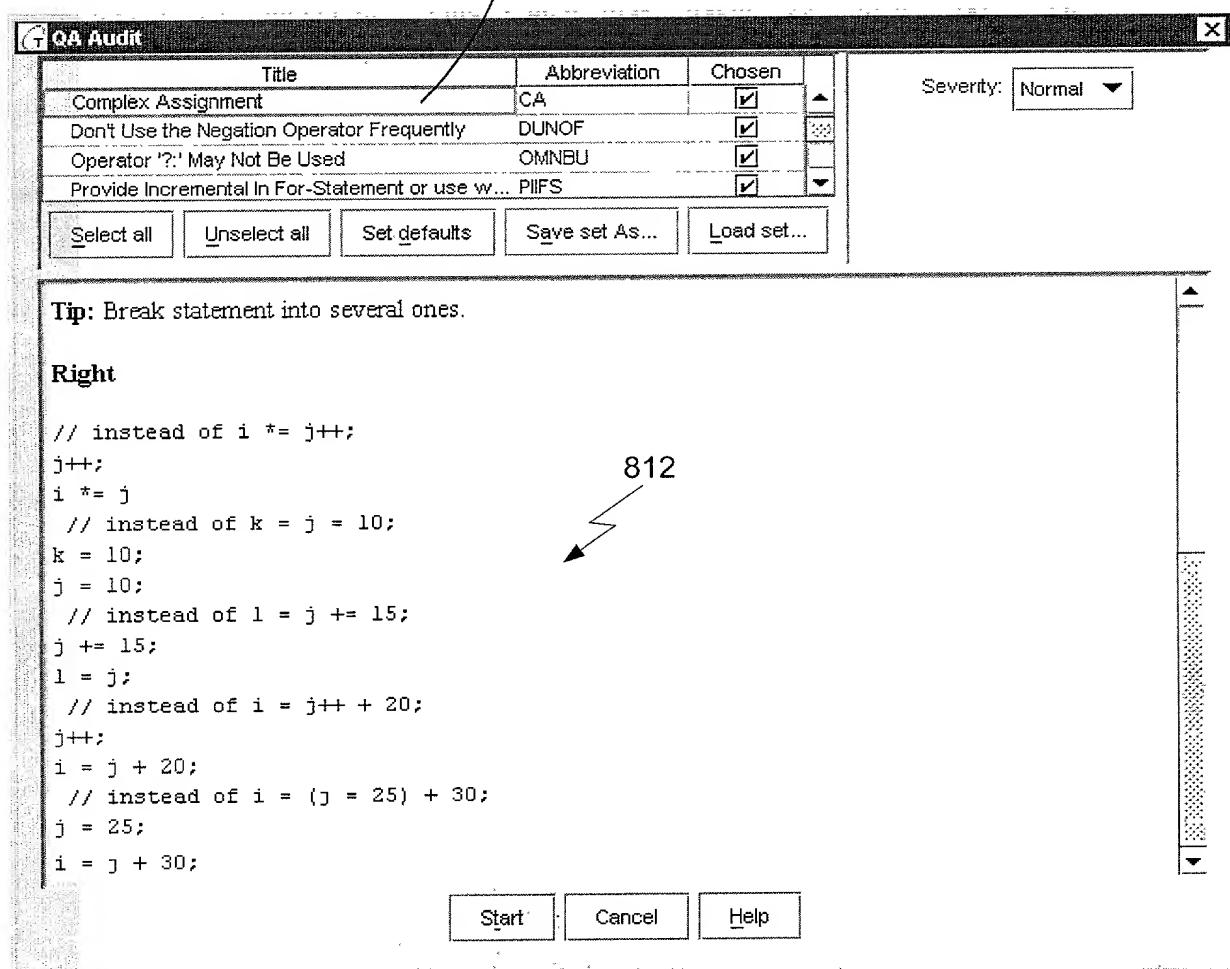
Start   Cancel   Help

**FIG. 8A**



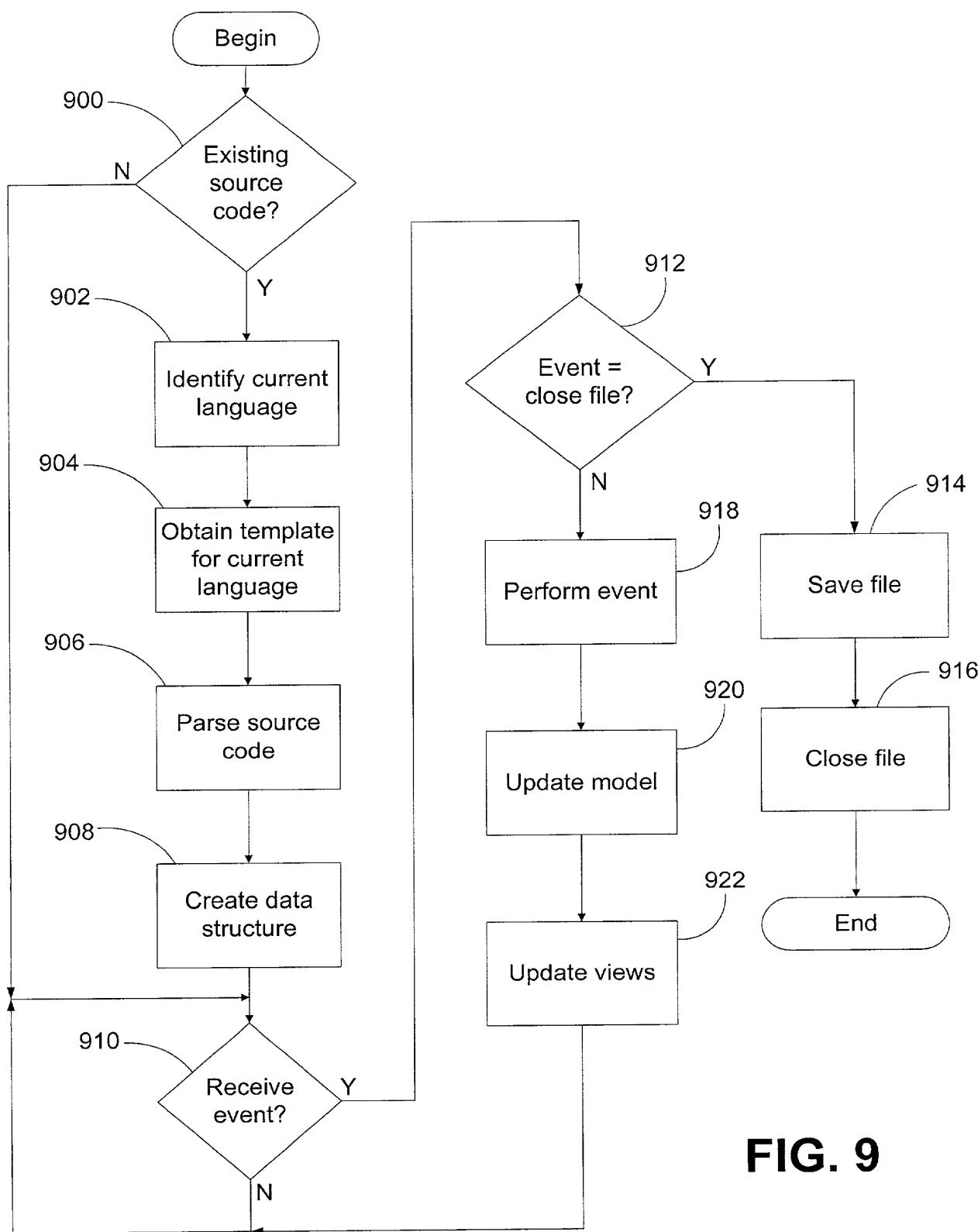
**FIG. 8B**

806

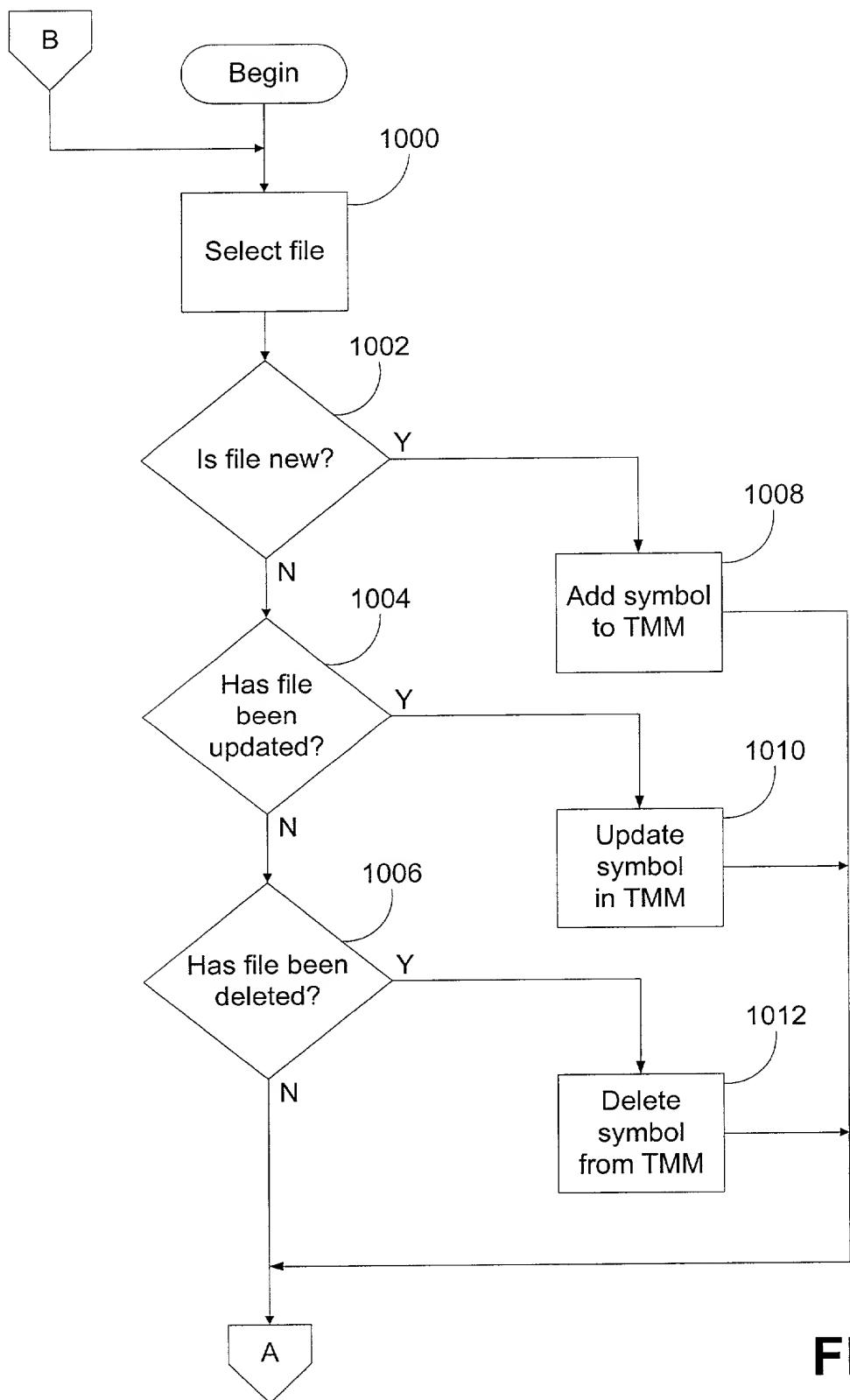


812

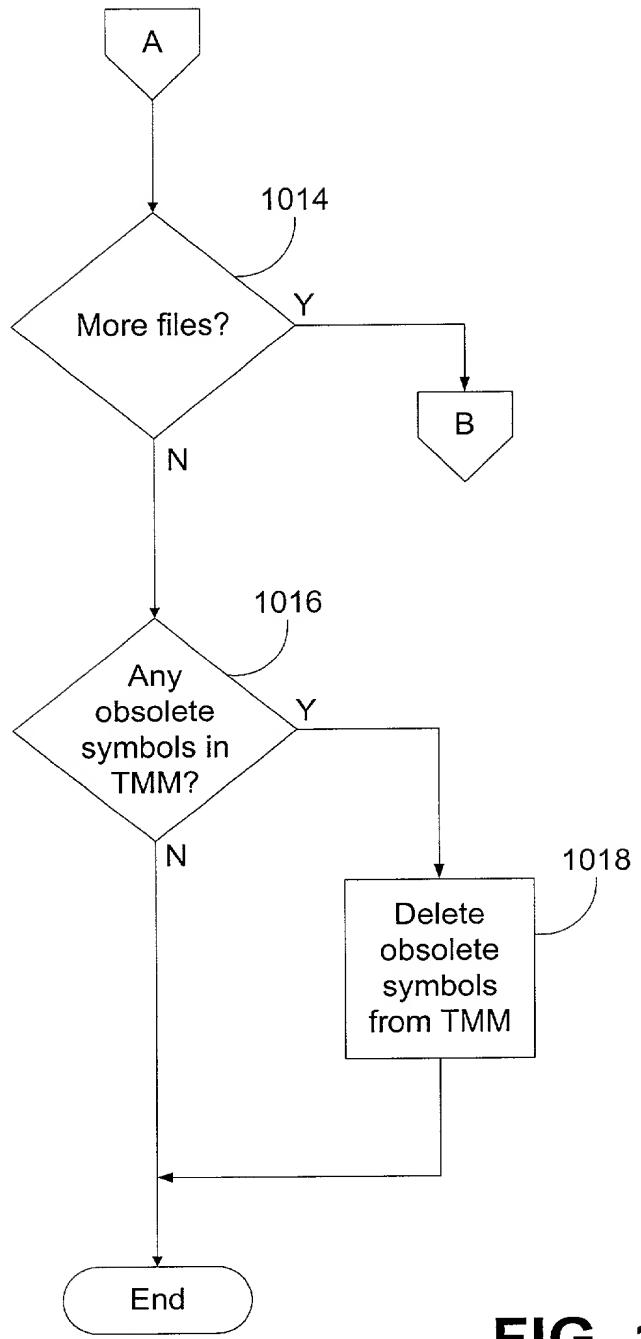
**FIG. 8C**



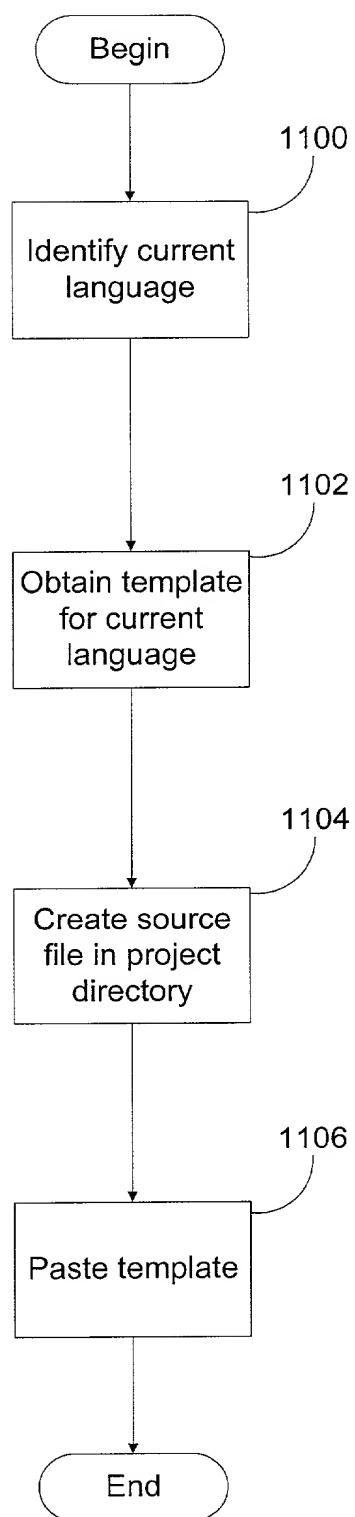
**FIG. 9**



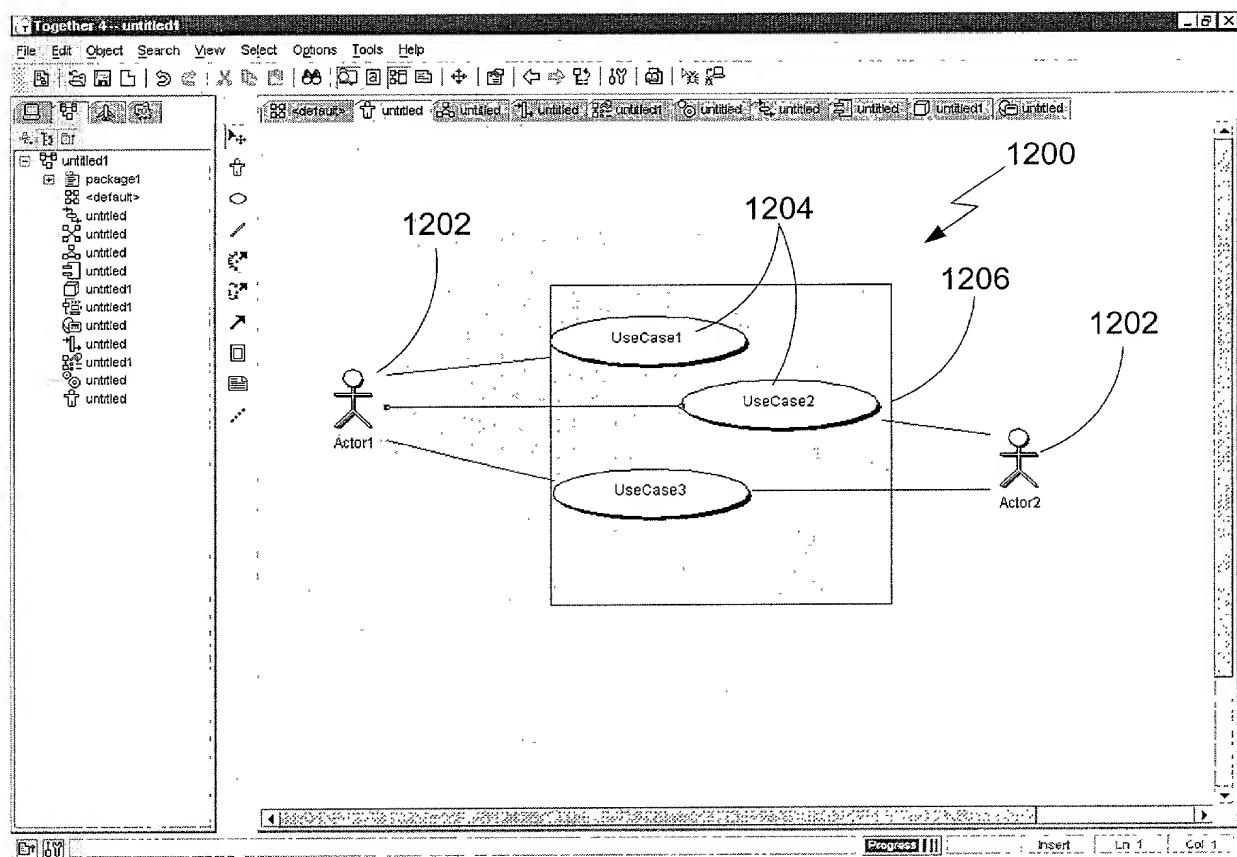
**FIG. 10A**



**FIG. 10B**



**FIG. 11**



**FIG. 12**

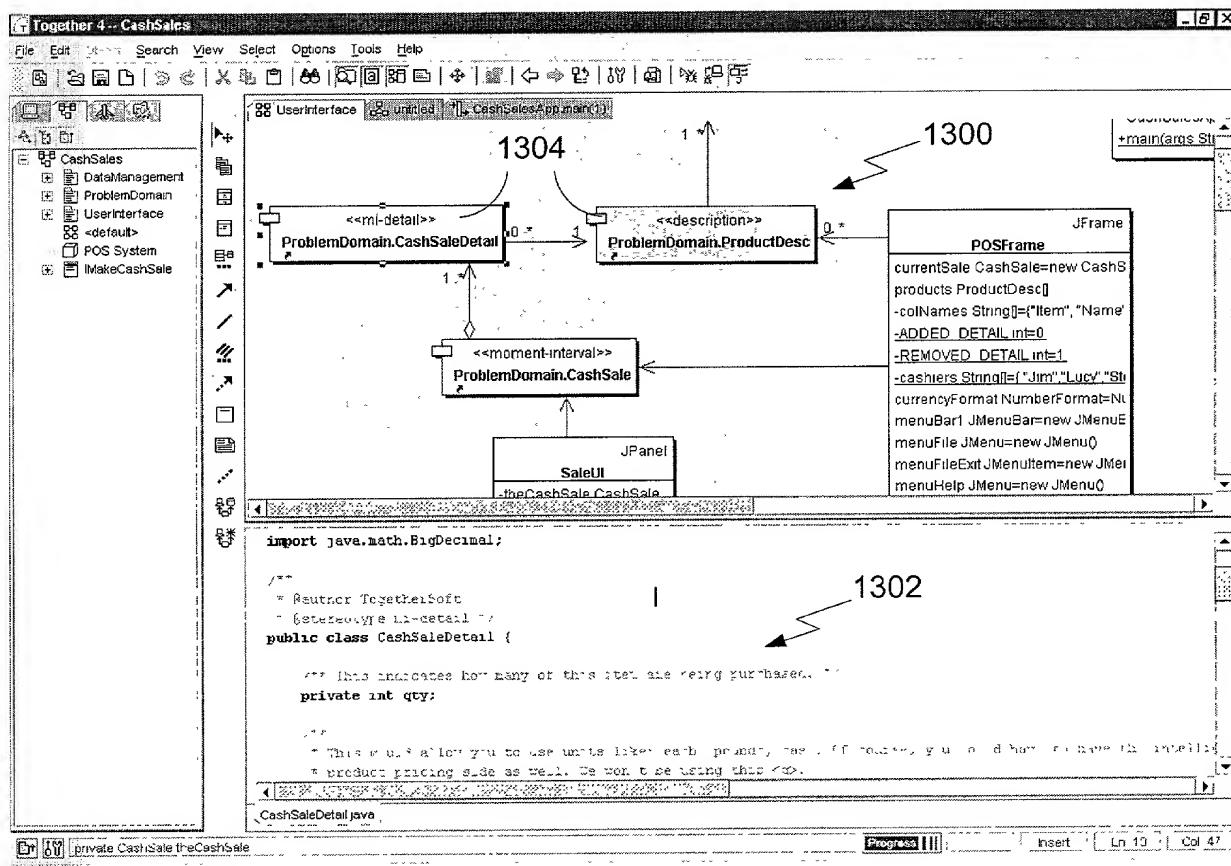
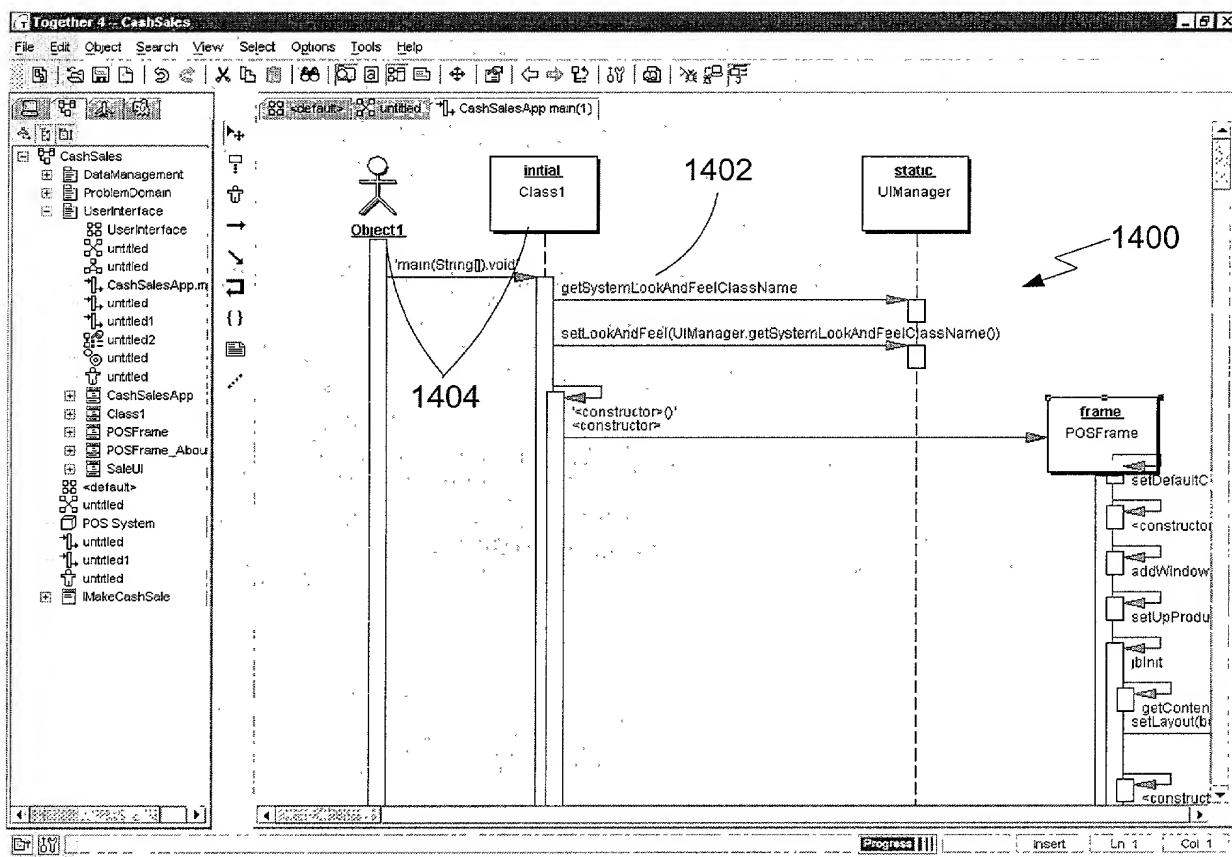
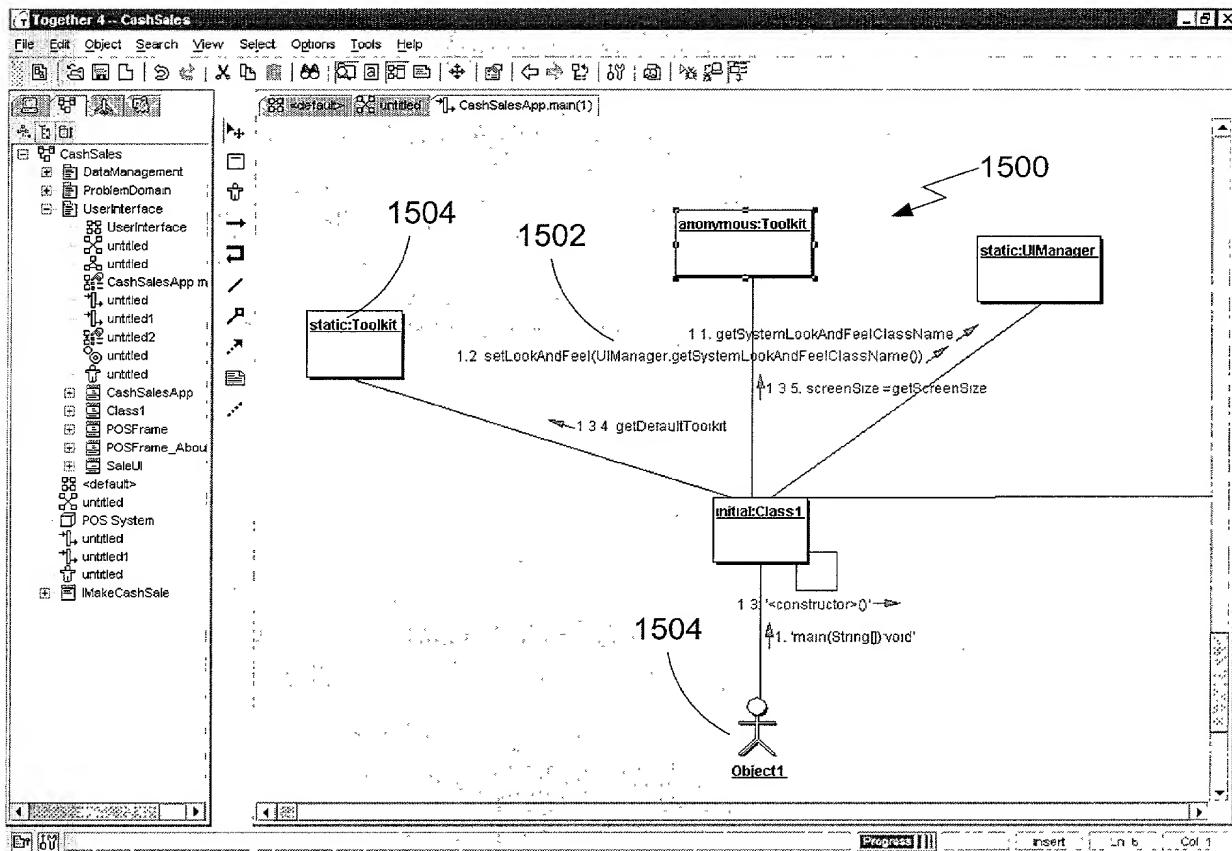


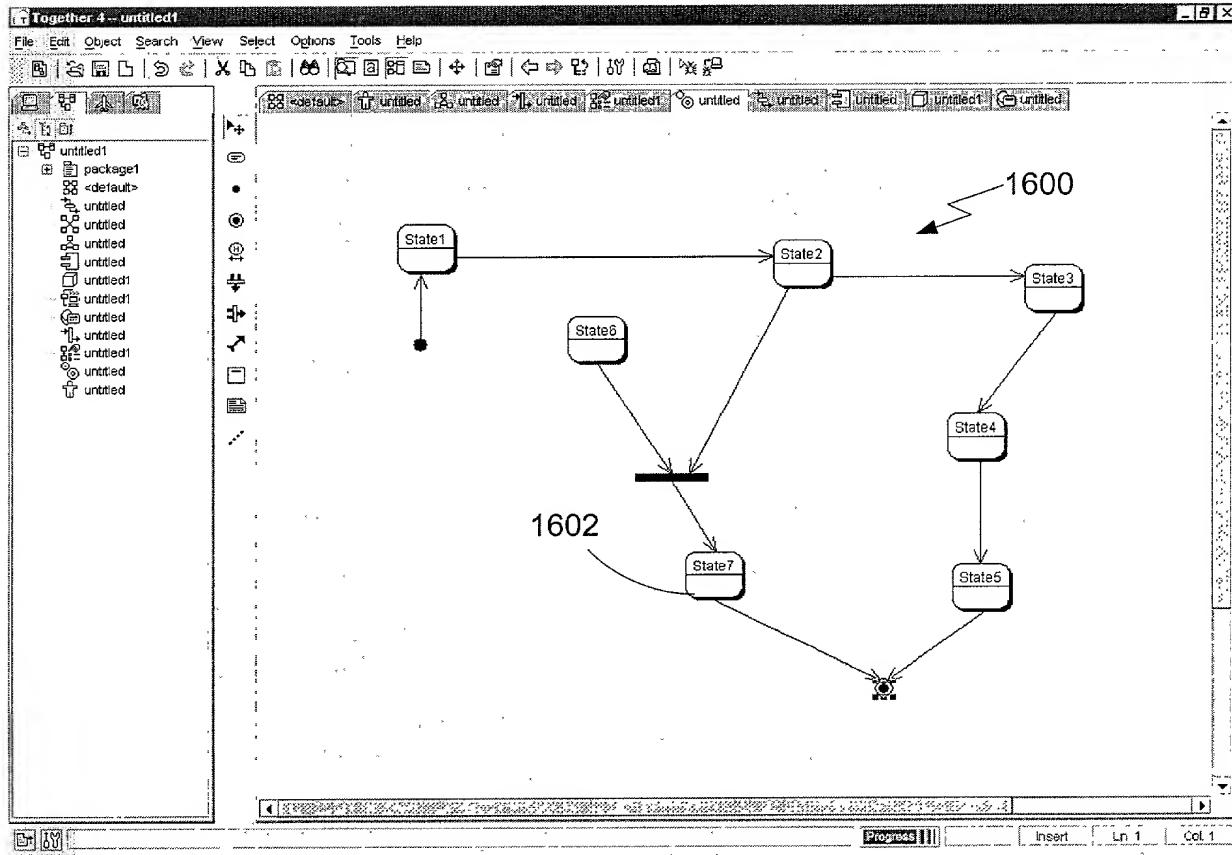
FIG. 13



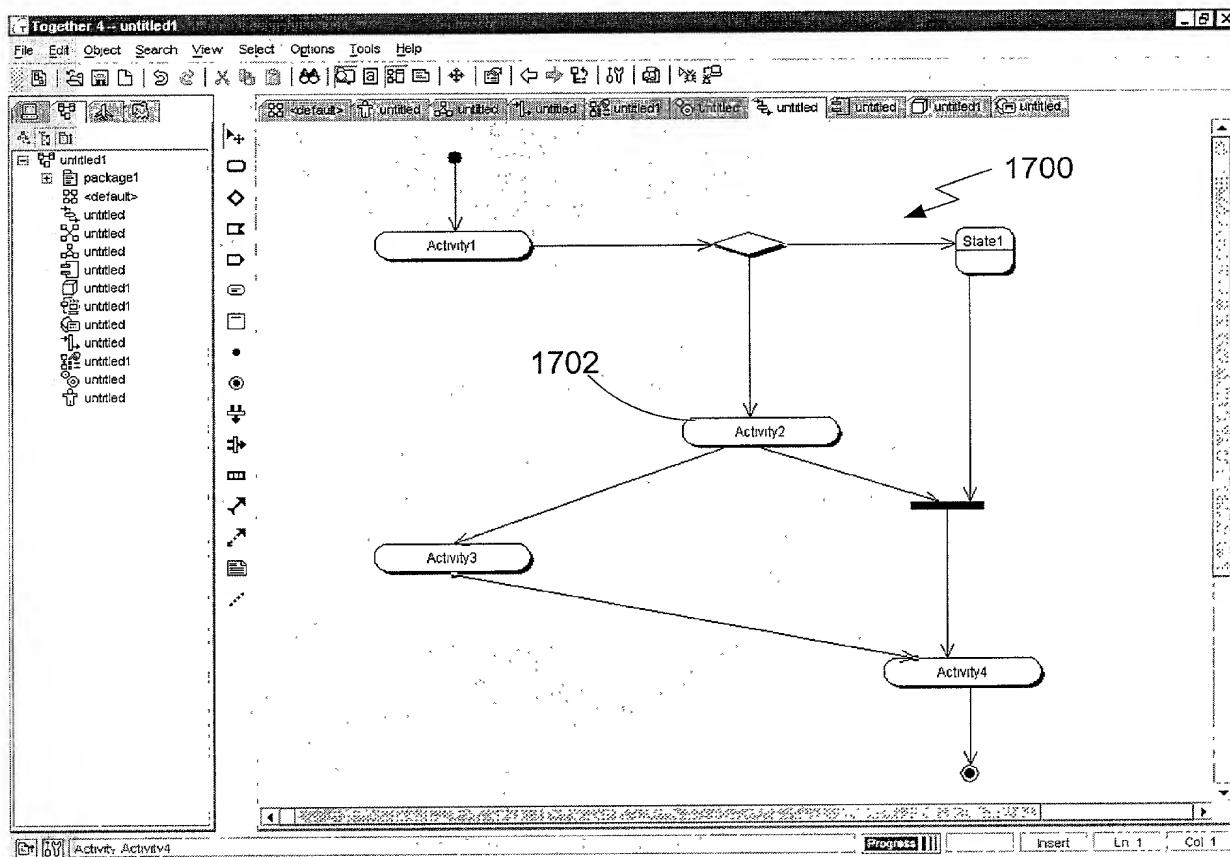
**FIG. 14**



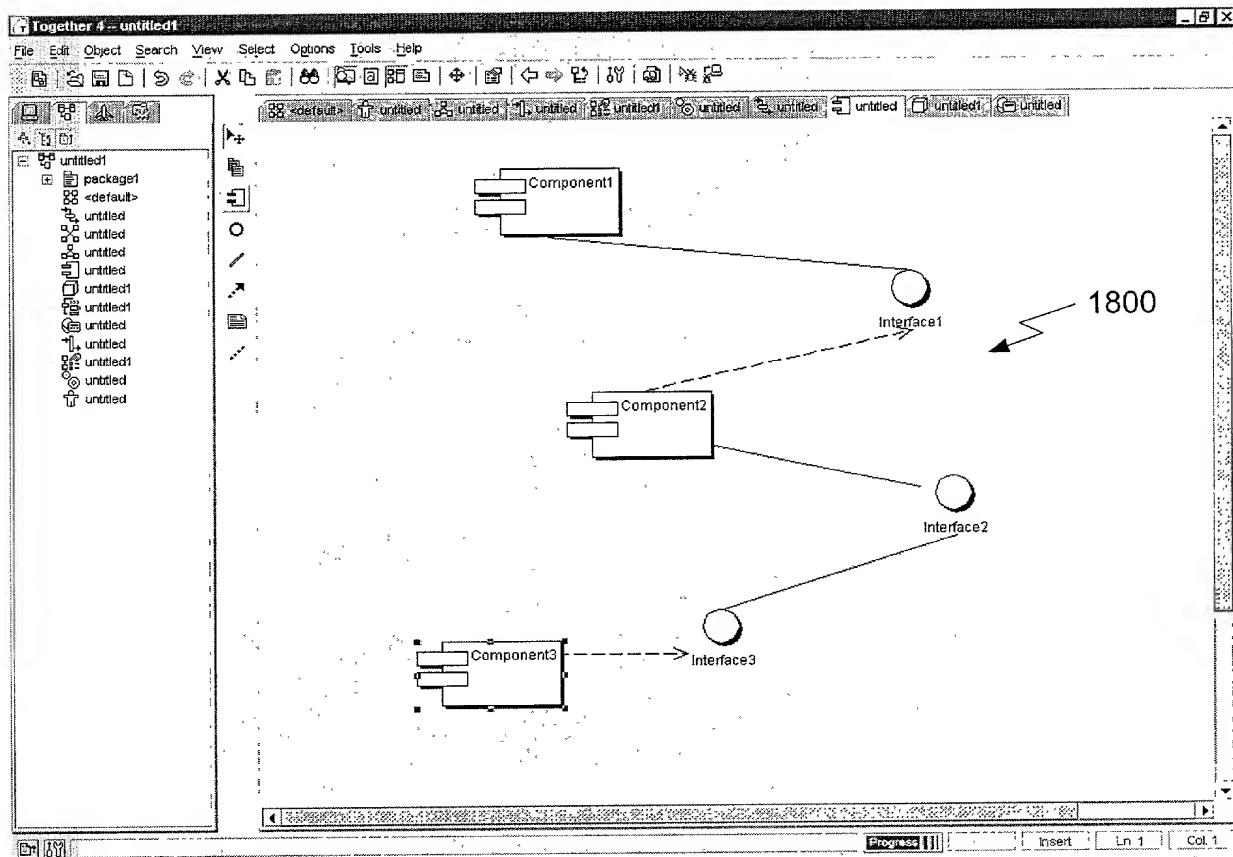
**FIG. 15**



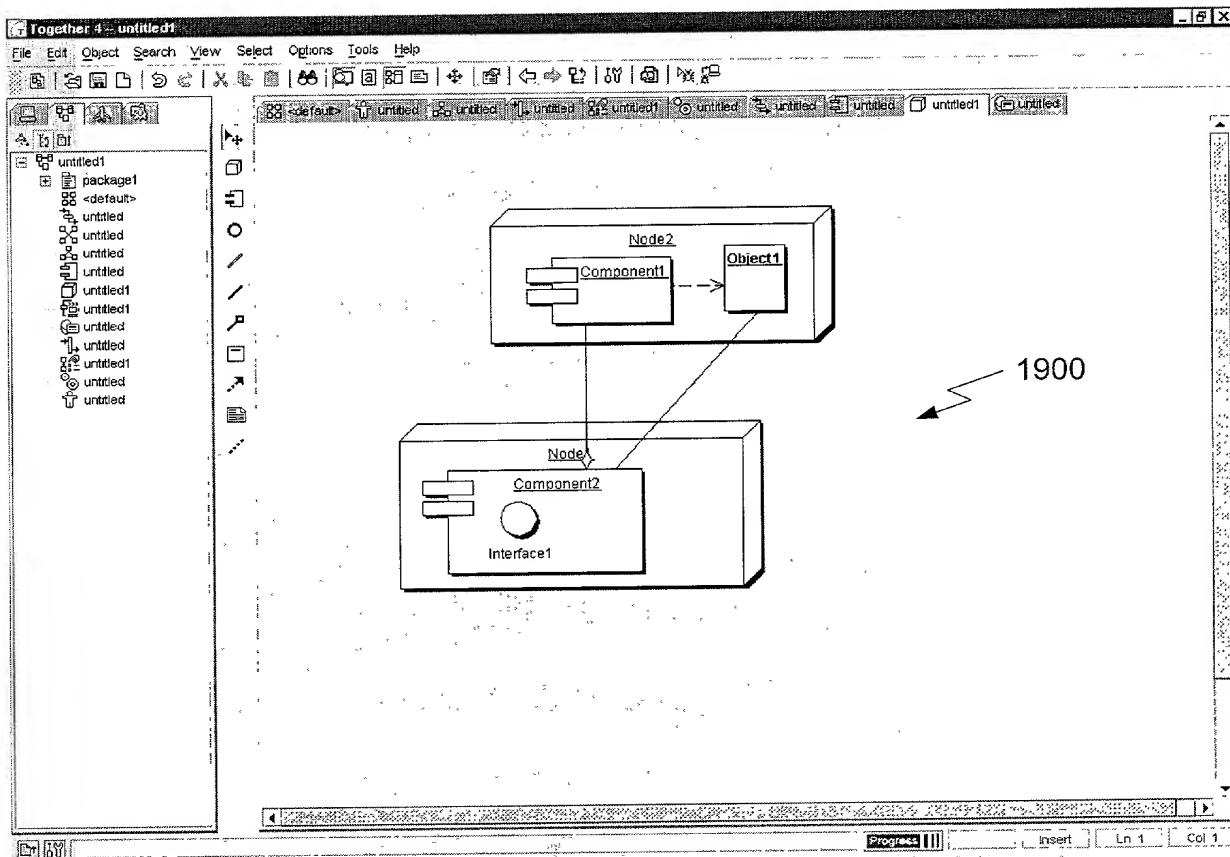
**FIG. 16**



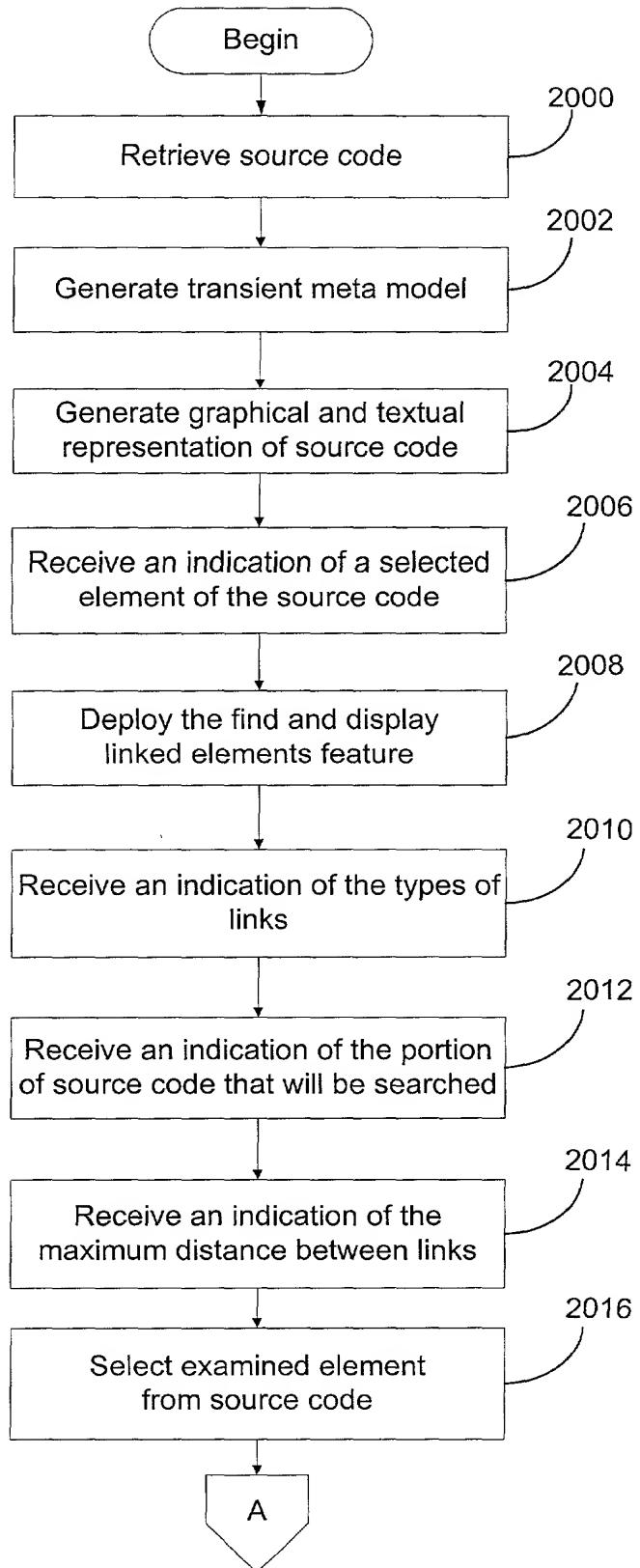
**FIG. 17**



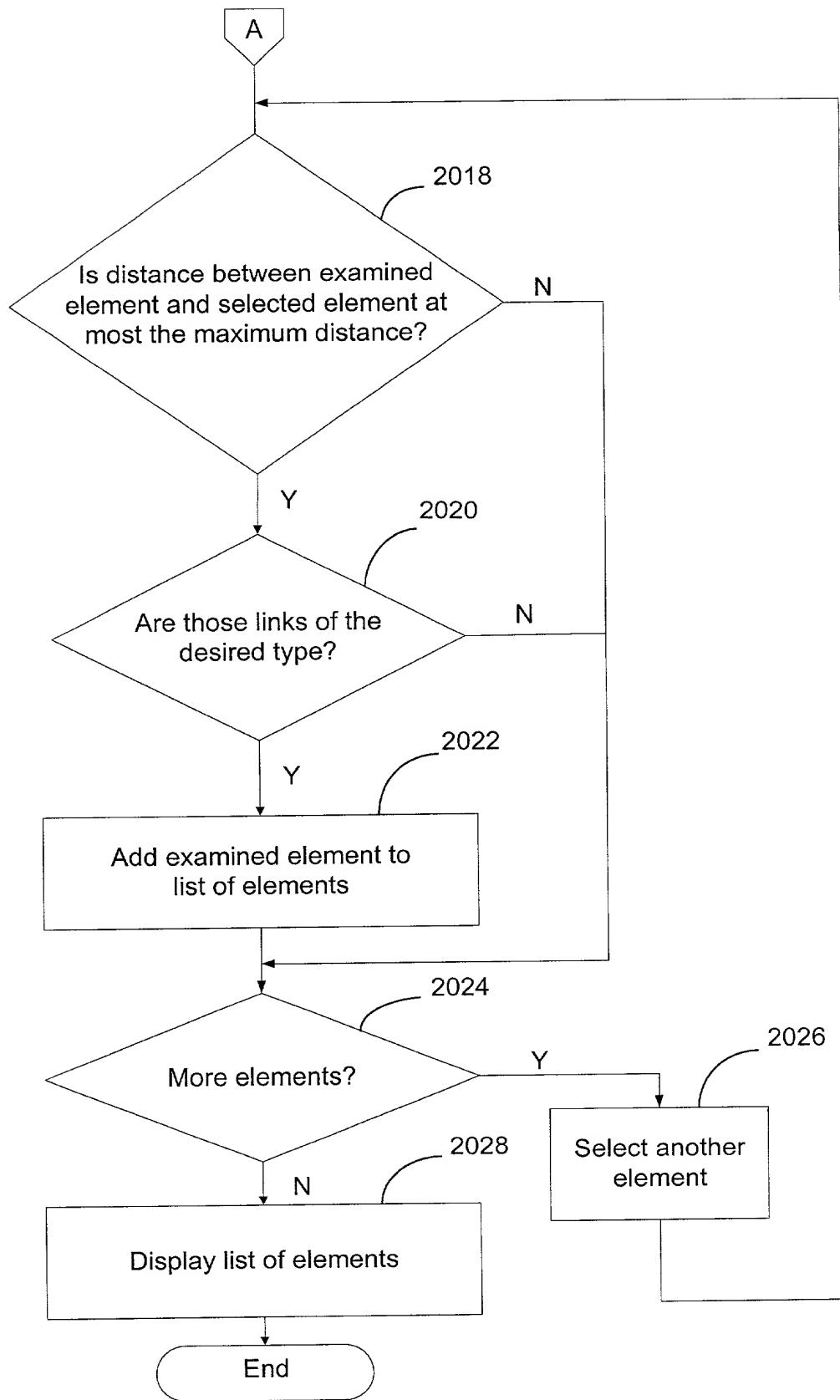
**FIG. 18**



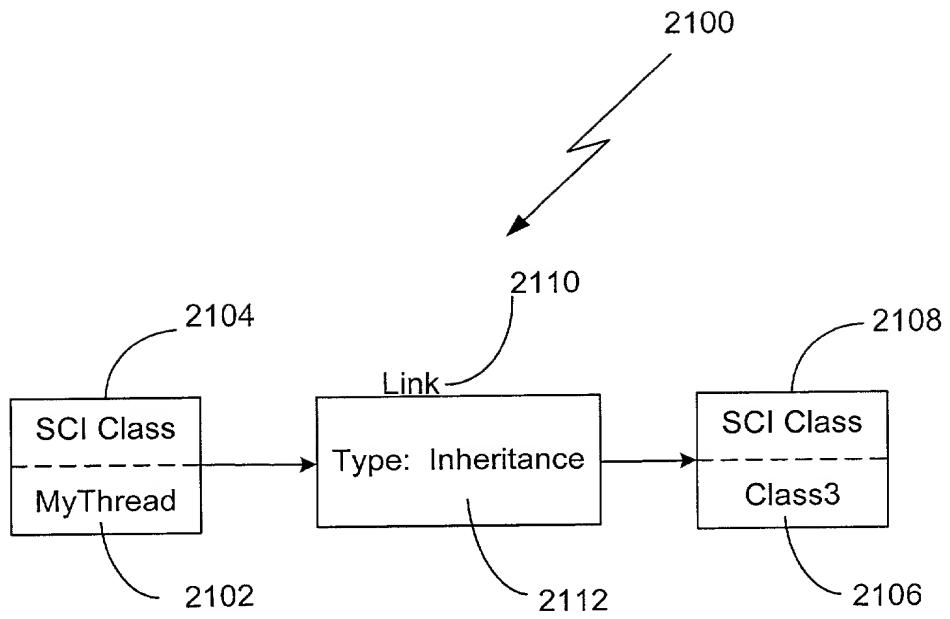
**FIG. 19**



**FIG. 20A**

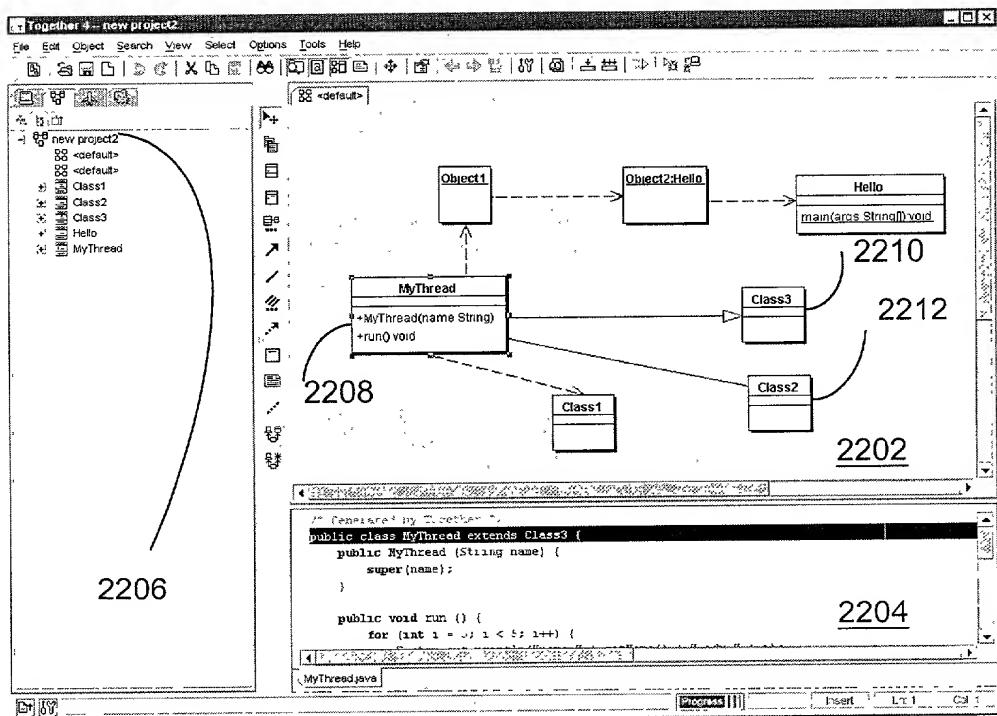


**FIG. 20B**



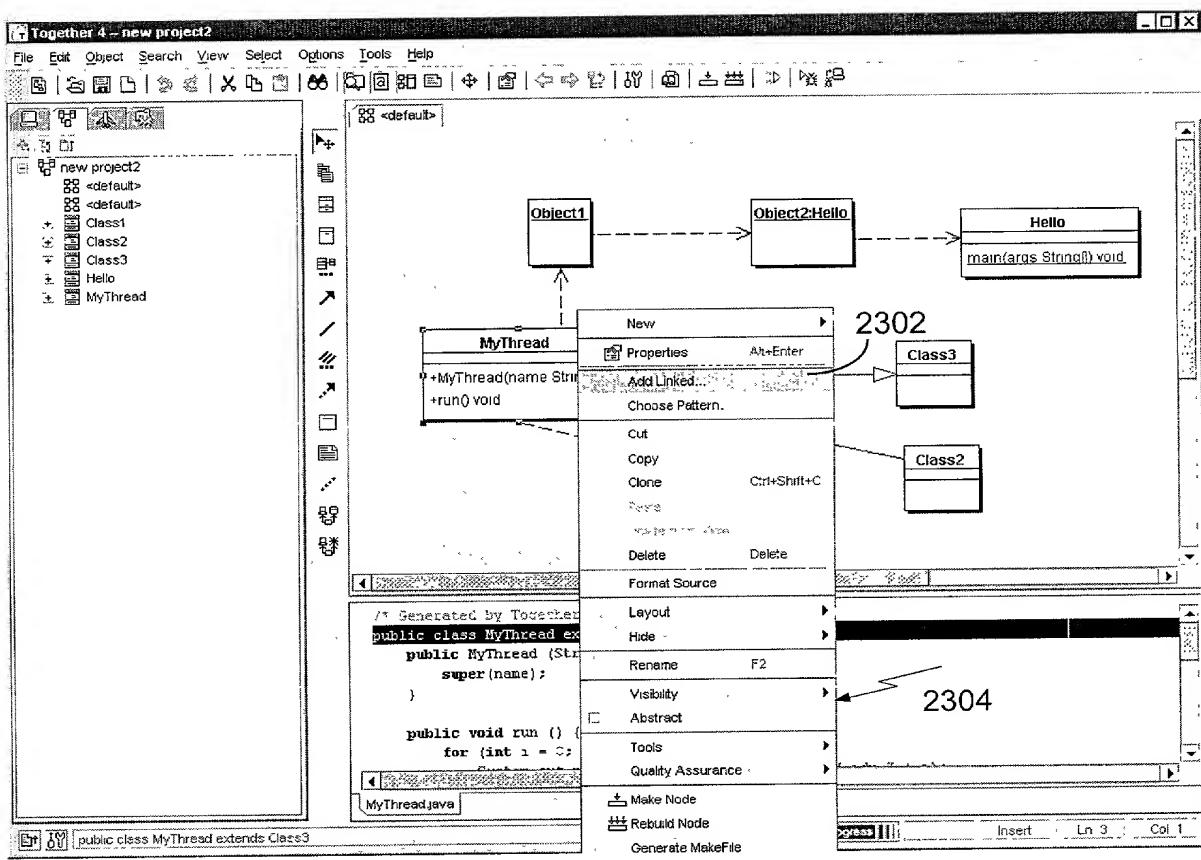
**FIG. 21**

2200 2202 2204 2206 2208 2210 2212



2200

**FIG. 22**

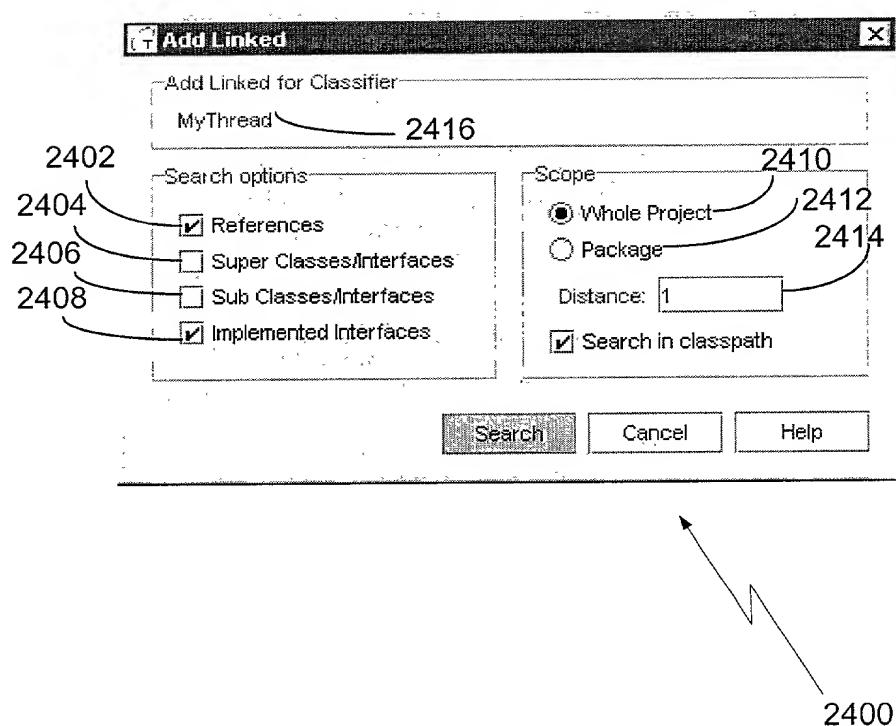


2302

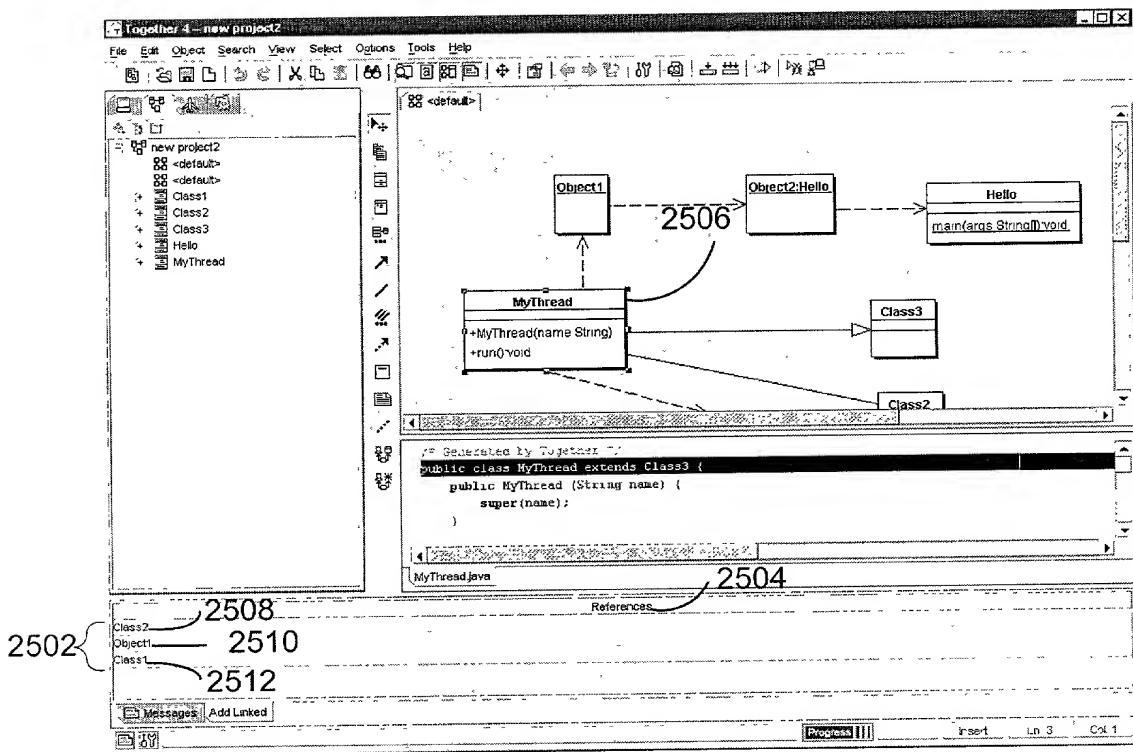
2304

2300

**FIG. 23**

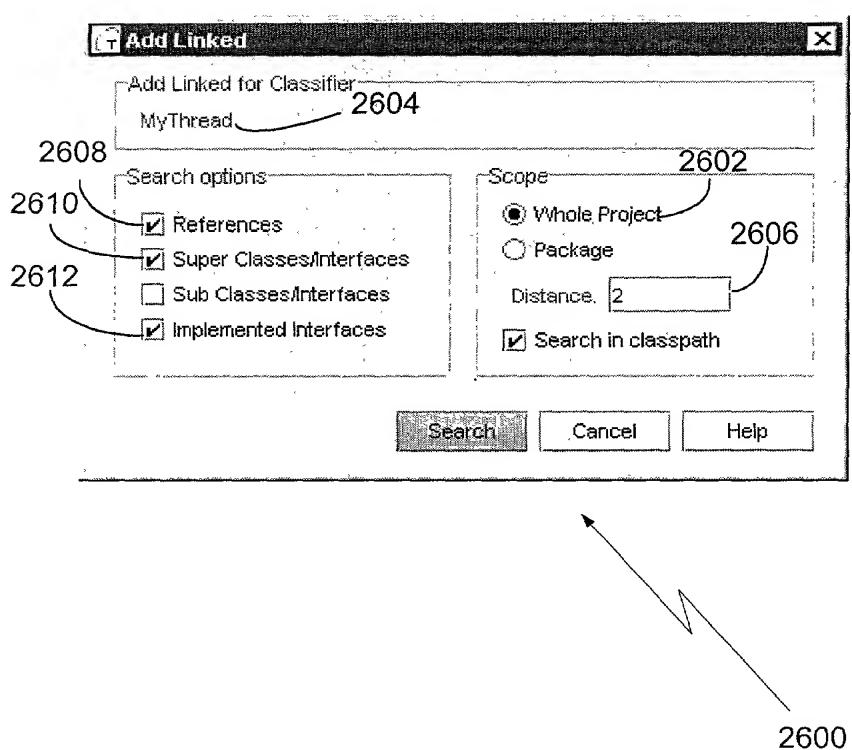


**FIG. 24**

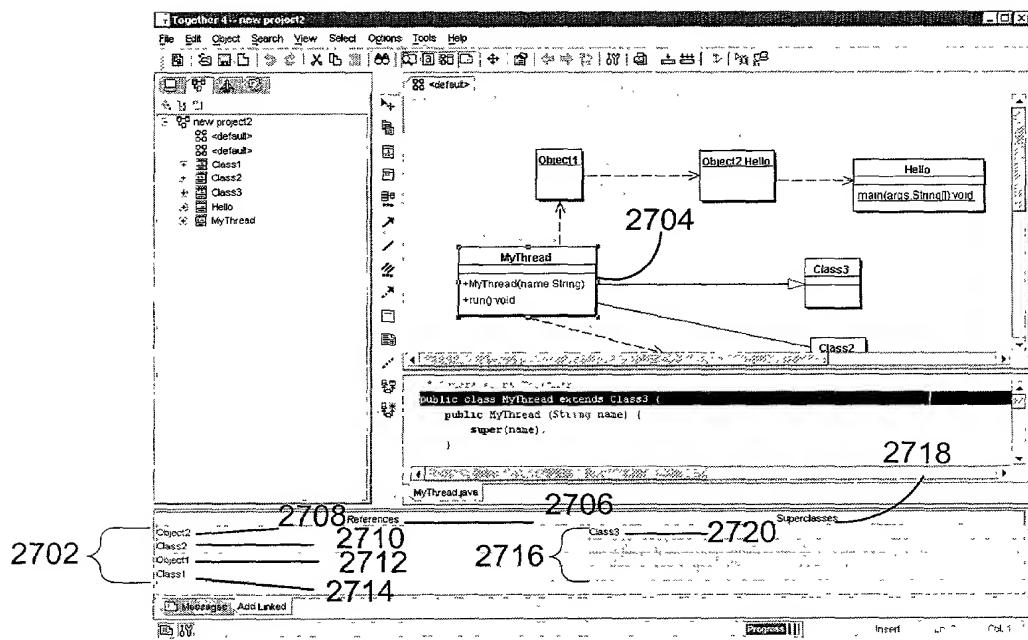


2500

**FIG. 25**



**FIG. 26**



2700

**FIG. 27**